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Proposed Maximum Residue Limit PMRL2012-21

Chlorantraniliprole

(publié aussi en français)

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) has concluded that the addition of new uses on legume vegetables (Crop Group 6, except soybeans) to the product label of Dupont Coragen Insecticide, containing technical grade chlorantraniliprole, is acceptable. The specific uses approved in Canada are detailed on the label Dupont Coragen Insecticide, *Pest Control Products Act* Registration Number 28982.

The evaluation of this chlorantraniliprole application indicated that the end-use product has merit and value and the human health and environmental risks associated with the new uses are acceptable. Details regarding the registration can be found in the corresponding Evaluation Report available in the Pesticides and Pest Management section of Health Canada's website, under Public Registry, Pesticide Product Information Database.[1]

Before registering a pesticide for food use in Canada, the PMRA must determine the quantity of residues that are likely to remain in or on the food when the pesticide is used according to label directions and that such residues will not be a concern to human health. This quantity is then legally established as a maximum residue limit (MRL). An MRL applies to the identified raw agricultural food commodity as well as to any processed food product that contains it, except where separate MRLs are specified for the raw agricultural commodity and a processed product made from it.

Consultation on the proposed MRLs for chlorantraniliprole is being conducted via this document (see Next Steps, the last section of this document).

To comply with Canada's international trade obligations, consultation on the proposed MRLs is also being conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada.

The proposed MRLs in Canada in or on food, to replace or be added to the MRLs already established for chlorantraniliprole, are as follows.

Table 1 Proposed Maximum Residue Limits for Chlorantraniliprole

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Chlorantraniliprole	3-bromo-*N*-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1*H*-pyrazole-5-carboxamide	2.0	Legume vegetables (Crop Group 6, except soybeans)
		0.1	Eggs[a]
		0.02	Milk[b]

ppm = parts per million

[a] The MRL is proposed to replace the 0.01 ppm MRL for eggs which was consulted on via PMRL2012-01 and is to be established shortly.

[1] The relevant report can be accessed by selecting Programs and Special Actions/Minor Use/Historical and requesting the Evaluation Report found under Application Number 2011-2690.

[b] The MRL is proposed to replace the currently established MRL of 0.01 ppm for milk.

MRLs are proposed for each commodity included in the legume vegetables crop group, except soybeans, in accordance with the Residue Chemistry Crop Groups webpage in the Pesticides and Pest Management section of Health Canada's website.

A list of all pesticide MRLs established in Canada, as of the date indicated, can be found on the Maximum Residue Limits for Pesticides webpage in the Pesticides and Pest Management section of Health Canada's website.

International Situation and Trade Implications

MRLs may vary from one country to another for a number of reasons, including differences in pesticide use patterns and the locations of the field crop trials used to generate residue chemistry data. For livestock commodities, differences in MRLs can also be due to different livestock feed items and practices.

Table 2 compares the MRLs proposed for chlorantraniliprole in Canada with corresponding tolerances established in the United States and Codex MRLs[2]. American tolerances are listed in the Electronic Code of Federal Regulations, 40 CFR Part 180, by pesticide. Codex MRLs are listed on the Codex Alimentarius Pesticide Residues in Food webpage, by pesticide or commodity.

Table 2 Comparison of Canadian MRLs, American Tolerances and Codex MRLs

Food Commodity	Canadian MRL (ppm)	American Tolerance (ppm)	Codex MRL (ppm)
Legume vegetables (Crop Group 6, except soybeans)	2.0	2.0	Not established
Eggs	0.1	0.2	0.1
Milk	0.02	0.05	0.05 (Milk) 0.2 (Milk fat)

Next Steps

The PMRA invites the public to submit written comments on the proposed domestic MRLs for chlorantraniliprole up to 75 days from the date of publication of this document. Please forward your comments to Publications (see the contact information on the cover page of this document). The PMRA will consider all comments received before making a final decision on the proposed

[2] The Codex Alimentarius Commission is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.

MRLs for chlorantraniliprole and posting a corresponding Established Maximum Residue Limit document in the Pesticides and Pest Management section of Health Canada's website.